

$\text{Ce}^{3+}$ :  $\text{Y}_2\text{SiO}_5$  ABSORPTION AND  
EMISSION SPECTRA

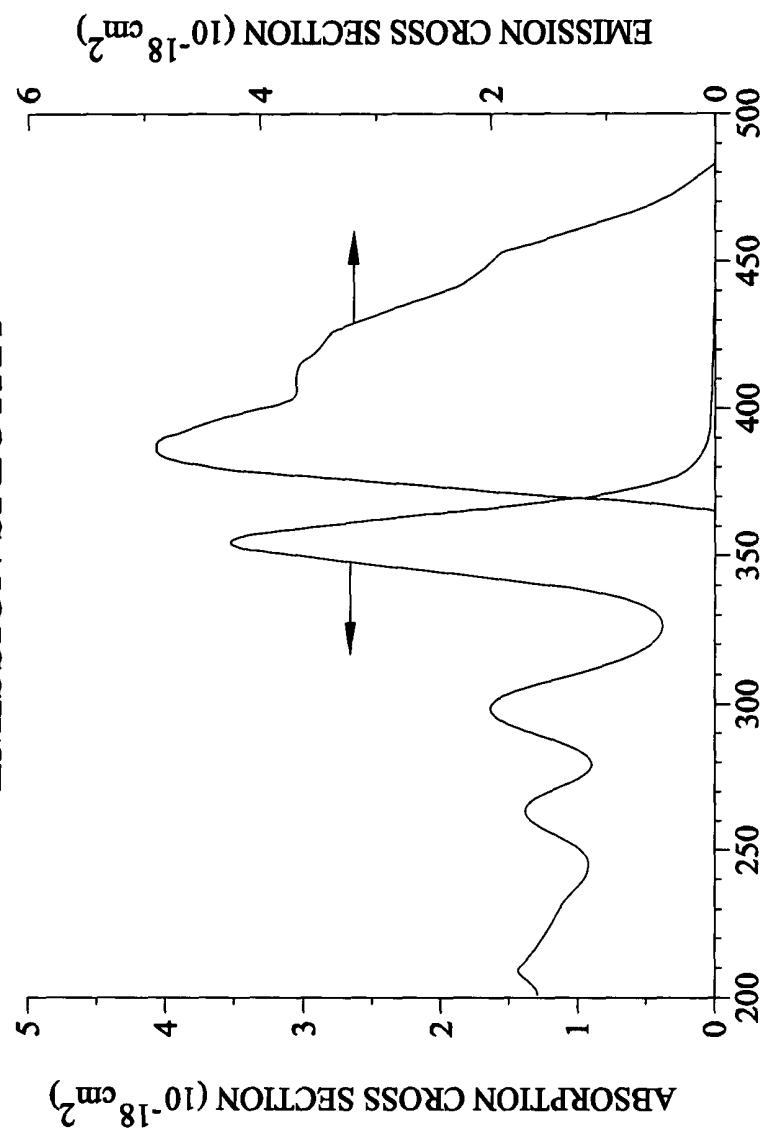


FIG. 1A (YSO)

$\text{Ce}^{3+}$ : $\text{Lu}_2\text{SiO}_5$  ABSORPTION AND  
EMISSION SPECTRA

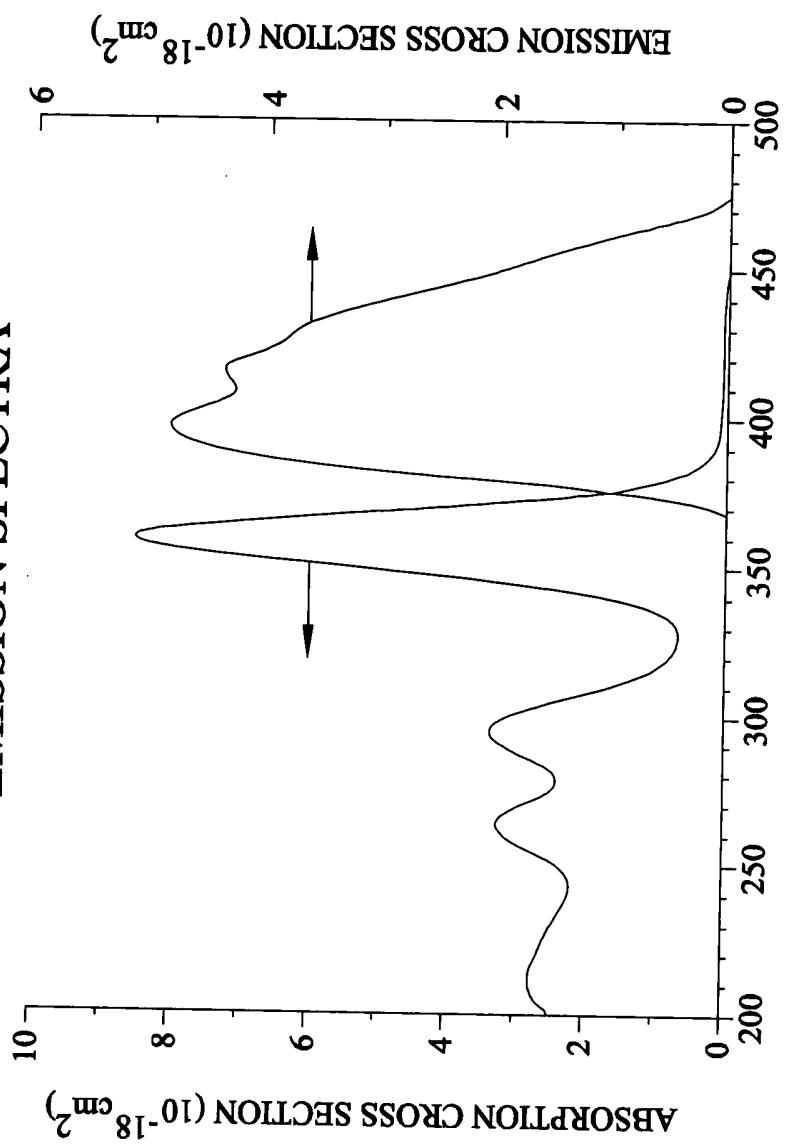


FIG. 1B (LSO)

## SCINTILLATING DETECTORS



FIG. 2

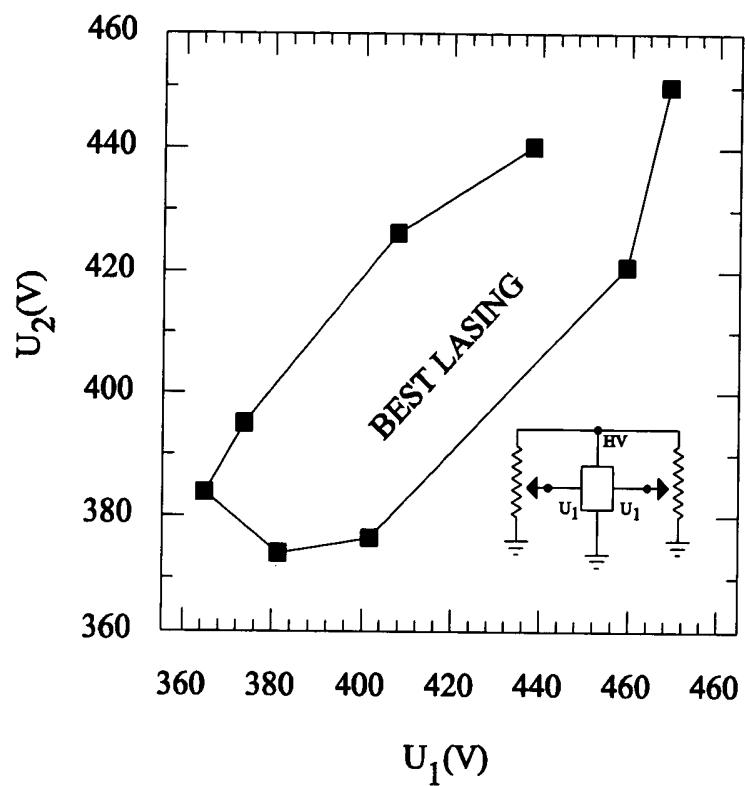


FIG. 3

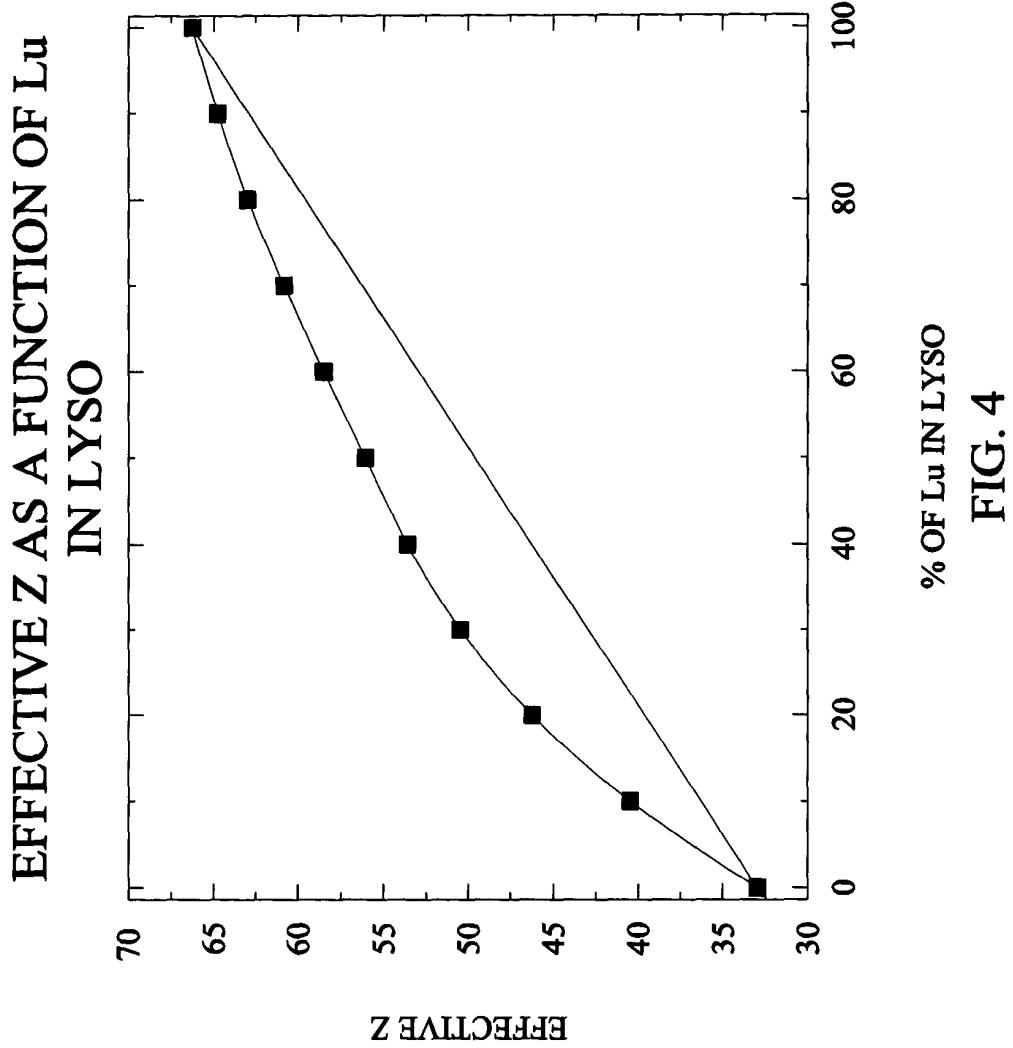


FIG. 4